

Appl. No. 09/694,441
Amdt. dated Aug. 11, 2005
Reply to Office Action of May 11, 2005

Amendments to the Specification:

Please replace the ABSTRACT OF THE DISCLOSURE (page 8, lines 6-23) with the following amended abstract:

An electronic device (9) has an interactive screen display (27) which is interactive with a stylus (10). The electronic device (9) has an actuator switch (30) associated with an engagement member (18) of a housing (16) of the device. The actuator switch (30) is actuated when the stylus (10) engages the engagement member (20) (18) to provide an activation signal indicative of the stylus engaging or disengaging the engagement member (20) (18). As a result, the electronic device (9) or display screen is inactivated or activated ~~operatively coupled to the stylus (10)~~ when the stylus (10) engages the engagement member (20). ~~The actuator provides an activating signal to control the device when the stylus engages or disengages the engagement member. In response to the engagement or disengagement, the display or the device is inactivated or activated.~~

Figure 3 accompanies this abstract.

Please replace paragraph 0005 (page 1, lines 29 through page 2, line 3) with the following amended paragraph:

[0005] In U.S. Patent No. 5,973,677 ~~patent 5973677~~, there is disclosed a rechargeable stylus and portable device assembly with an interactive display. The stylus is recharged when inserted into an engagement member in the housing where it is coupled to recharging electrical pads. When using a stylus with a portable communication device, a user typically has the stylus in one hand and the communication device in the other. This may not be ideal as the user ~~[[use]]~~ may have difficulties in powering down, powering up or inactivating illumination of the display screen by use of a conventional ~~convention~~ button.

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Please replace paragraph 0008 (page 2, lines 19-22) with the following amended paragraph:

[0008] Suitably, when in use, the controller may provide a signal to activate the display screen in response to the signal indicative of the stylus disengaging the engagement member.

Please replace paragraph 0019 (page 3, line 18 through page 4, line 5) with the following amended paragraph:

[0019] Referring to the Figs. in which like components are designated by identical numerals, reference is first directed to Figs. 1 and 2 which illustrate an electronic device 9, such as a personal ~~organizer~~ ~~organiser~~ or a radio ~~[[ratio]]~~ communication device. The electronic device 9 comprises a housing 16 and a stylus 10. Fig. 2 shows a stylus 10 engages an engagement member 20 of the electronic device 9. The electronic device 9 also comprises ~~an~~ ~~[[a]]~~ interactive screen display 27 to show icons and messages, such as a telephone number, address data, and to input data. The stylus 10 is provided for interaction with display 27. There is also an engagement member 20 in the housing 16. The stylus 10 releasably engages by insertion into the engagement member 20, thereby conveniently storing the stylus 10. In this regard, the engagement member 20 can be wholly integrated as a storage chamber within the housing 16 or mounted on the housing 16 in the form of a clip. As will be apparent to a ~~person skilled~~ ~~personal skill~~ in the art, the stylus 10 interacts with the interactive screen display 27 for selecting functions, accessing data, selecting alphanumeric keys or even freehand writing and drawing that is processed by the electronic device 9.

Please replace paragraph 0020 (page 4, lines 6-22) with the following amended paragraph:

[0020] Referring to Fig. 3, there is illustrated a preferred embodiment of a schematic diagram of circuitry of the electronic device 9. The interactive screen display 27 is coupled to a controller 21 to send message data and instructions ~~therebetween~~ ~~there-between~~. The electronic device 9 also comprises an actuator in the form of a biased switch 30 associated with a stylus receiving chamber 18 of the engagement member 20. The switch 30 is normally open and has one terminal coupled to ground and the ~~other~~ terminal coupled to a control input 28 of the controller

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21 to provide a control ~~controlled~~ signal thereto. A pull up resistor 40 is also coupled to control input 28 for maintaining control input 28 to logic "high" until switch 30 is activated. There is also a power supply 33 coupled to the controller 21 and all the necessary components in the circuitry.

Please replace paragraph 0021 (page 4, line 23 through page 5, line 7) with the following amended paragraph:

[0021] The switch 30 has a biased protruding member 35 which protrudes into the stylus receiving chamber 18. The protruding member 35 is activated to electrically connect contacts of switch 30 when the stylus 10 is inserted into the stylus receiving chamber 18 thereby engaging engagement member 20. Conversely, the protruding member 35 is inactivated, thereby contacts of switch 30 are electrically isolated (open circuit), when the stylus 10 is removed from engagement member 20. When contacts of the switch 30 are electrically isolated, an activation signal indicative of the stylus 10 disengaging the engagement member 20 is provided to the controller 21. In response to this signal, the controller 21 provides an activation signal to activate the display screen 27. When the stylus 10 is inserted into the receiving chamber 18, the contacts of switch 30 are electrically connected and an activation signal is provided to the controller 21 indicative of the stylus 10 engaging the engagement member 20. As a result, the controller 21 provides a signal to inactivate the display screen 27.

Please replace paragraph 0022 (page 5, lines 8-29) with the following amended paragraph:

[0022] Referring to Fig. 4, there is illustrated a second preferred embodiment of a schematic diagram of circuitry of the electronic device 9. The circuitry has a normally closed switch 50 with two electrical terminals 41 and 42. The terminal 41 is coupled to the power supply 33 and terminal 42 is coupled to control input 28 of the controller 21. A pull down resistor 55 is also coupled to control input 28. All other components are configured identically to those of Fig. 3 and therefore require no further description. In use, when the stylus 10 is removed from the chamber 18, switch 50 becomes an open circuit; therefore, control input 28 is pulled to a logic "low" thereby ~~therefore~~ invoking power down of the electronic device 9. In this regard, the

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storing of vital data and "software housekeeping" is conducted before actual power down, as will be an apparent to a person skilled ~~personal skill~~ in the art. In contrast, when the stylus 10 is inserted into chamber 18, switch 50 becomes closed thereby providing power to the control input 28 thereby invoking power up of the electronic device 9.

Please replace paragraph 0024 (page 6, lines 4-12) with the following amended paragraph:

[0024] Although the invention has been described and illustrated in the above description and drawings, it is understood that this description is by example only and that numerous changes and modifications can be made by those skilled in the art without departing from the true spirit and scope of the invention. For example, the biased switch 30 may be replaced with a capacitive, inductive or light sensor as will be apparent to a person skilled ~~[[skill]]~~ in the art.